



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Heat Transfer Activities

Activity 1

Use the Chapter 1 Section 2: Convection Currents and the Mantle PowerPoint presentation to check your two-column notes.

After reviewing the PowerPoint, what is one concept in this section that you are confused about?

Activity 2

Observe the lava lamp in the front of the room to answer the following questions. Explain how convection currents are occurring inside the lamp.

Are there any other forms of heat transfer present?

Activity 3

Visit "The Mantle" (<http://mediatheek.thinkquest.nl/~1125/en/mantle.htm>) to complete the following questions.

Describe how convection currents occur in Earth's mantle.

What is a constructive force caused by the convection currents in the earth's mantle?

What is a destructive force caused by the convection currents in the earth's mantle?
